



PTO/SB/08A (08-03)

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Substitute for form 1440A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	10/719,914
Filing Date	November 21, 2003
First Named Inventor	Sartaj Kumar Sahni
Art Unit	
Examiner Name	
Attorney Docket Number	UF-318XC1

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US 4,251,861	02-17-1981	Mago	All
	U2	US 4,833,468	05-23-1989	Larson <i>et al.</i>	All
	U3	US 5,555,405	09-10-1996	Griesmer <i>et al.</i>	All
	U4	US 5,701,467	12-23-1997	Freeston	All
	U5	US 5,761,440	06-02-1998	De Marco <i>et al.</i>	All
	U6	US 5,787,430	07-28-1998	Doeringer <i>et al.</i>	All
	U7	US 5,909,440	06-01-1999	Ferguson <i>et al.</i>	All
	U8	US 6,018,524	01-25-2000	Turner <i>et al.</i>	All
	U9	US 6,021,131	02-01-2000	Even	All
	U10	US 6,041,053	03-21-2000	Douceur <i>et al.</i>	All
	U11	US 6,061,712	05-09-2000	Tzeng	All
	U12	US 6,092,072	07-18-2000	Guha <i>et al.</i>	All
	U13	US 6,157,955	12-05-2000	Narad <i>et al.</i>	All
	U14	US 6,212,184	04-03-2001	Venkatachary <i>et al.</i>	All
	U15	US 6,266,706	07-24-2001	Brodnik <i>et al.</i>	All
	U16	US 6,289,013	09-11-2001	Lakshman <i>et al.</i>	All
	U17	US 6,335,932	01-01-2002	Kadambi <i>et al.</i>	All
	U18	US 6,341,130	01-22-2002	Lakshman <i>et al.</i>	All

Examiner Signature	/Sai Ming Chan/	Date Considered	07/28/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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First Named Inventor	Sartaj Kumar Sahni
Group Art Unit	
Examiner Name	
Attorney Docket Number	UF-318XC1

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
R1		DEGERMARK, MIKAEL, et al. (1997) "Small Forwarding Tables for Fast Routing Lookups" <i>ACM SIGCOMM Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication</i> pages 3-14.	
R2		DOERINGER, W., G. KARJOTH, and M. NASSEHI (1996) "Routing on longest-matching prefixes" <i>IEEE/ACM Transactions on Networking</i> , 4(1): pages 86-87.	
R3		ERGUN, FUNDA, et al. (2001) "A Dynamic Lookup Scheme for Bursty Access Patterns" <i>Proceedings of IEEE INFOCOM</i> pages 1-10.	
R4		GUPTA, P. and N. MCKEOWN (2000) "Dynamic algorithms with worst-case performance for packet classification" <i>IFIP Networking</i> pages 528-539.	
R5		LAMPSON, BUTLER, VENKATACHARY SRINIVASAN, and GEORGE VARGHESE (June 1999) "IP Lookups Using Multiway and Multicolumn Search" <i>IEEE/ACM Transactions on Networking</i> Vol. 7, No. 3, pages 324-334	
R6		LU, H. and SAHNI, S. (2003) "O (log n) dynamic router-tables for prefixes and ranges" <i>IEEE Symposium on Computers and Communications</i> , pages 1-42	
R7		NILSSON, STEFAN and GUNNAR KARLSSON (1998) "Fast address lookup for Internet routers" <i>Proceedings of IEEE Broadband Communications</i> (enclosed copy pages numbered 9-18).	
R8		RUIZ-SANCHEZ, M., E. BIERACK, and W. DABBOUS (Mar/Apr 2001) "Survey and taxonomy of IP address lookup algorithms" <i>IEEE Network</i> , 15(2): pages 8-23.	
R9		SAHNI, SARTAJ and KUN SUK KIM "Data Structures of IP Lookup with Bursty Access Patterns" www.cse.ufl.edu/~sahni (enclosed copy pages numbered 1-5)	
R10		SAHNI, SARTAJ and KUN SUK KIM (2001) "Efficient Construction of Fixed-Stride Multitbit Tries for IP Lookup" <i>Proceedings of 8th IEEE Workshop on Future Trends of Distributed Computing Systems</i> pages 178-184 (enclosed copy pages numbered 1-7).	

Examiner Signature	/Sai Ming Chan/	Date Considered	07/28/2008
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	R11	SAHNI, SARTAJ and KUN SUK KIM (2002) "Efficient Construction of Variable-Stride Multibit Tries for IP Lookup" <i>Proceedings of IEEE Symposium on Applications and the Internet (SAINT)</i> pages 220-229 (enclosed copy pages numbered 1-8).	
	R12	SAHNI, SARTAJ and KUN SUK KIM (July 2002) "O(log n) Dynamic Packet Routing" <i>7th IEEE Symposium on Computers and Communications</i> . Pages 1-29	
	R13	SAHNI, SARTAJ, KUN SUK KIM, and HAIBIN LU (May 2002) "Data Structures for One-Dimensional Packet Classification Using Most-Specific-Rule Matching" <i>International Symposium on Parallel Architectures, Algorithms, and Networks (ISPAN)</i> pages 3-14 (enclosed copy pages numbered 1-12).	
	R14	SKLOWER, KEITH (1991) "A Tree-Based Packet Routing Table for Berkeley Unix" <i>Proceedings of 1991 Winter USENIX Conference</i> pages 93-99 (enclosed copy pages numbered 1-4).	
	R15	SRINIVASAN, V. and G. VARGHESE (Feb. 1999) "Faster IP Lookups Using Controlled Prefix Expansion" <i>ACM Transactions on Computer Systems</i> Vol.17, issue 1, pages 1-40 (enclosed copy pages numbered 1-21).	
	R16	SURI, S., G. VARGHESE, and P. WARKHEDE (2001) "Multiway range trees: Scalable IP lookup with fast updates" <i>Proceedings of Globecom '01</i> .	
	R17	WALDVOGEL, MARCEL et al. (1997) "Scalable High Speed IP Routing Lookups" <i>Proceedings of the ACM SIGCOMM '97 Conference on Applications, technologies, architectures, and protocols for computer communication</i> , pages 25-36 (enclosed copy pages numbered 1-12).	
	R18		
	R19		
	R20		
	R21		
	R22		

Examiner
Signature

/Sai Ming Chan/

Date

Considered

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